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MONTANA OIL AND GAS STATISTICAL BULLETIN

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Vol. XXI, No. 3 — 66 — MARCH, 1973

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March, 1973, averaged 95,111 barrels daily, a decrease of 22 barrels from the average February production of 95,133.

The nine refineries in the state processed 138,894 barrels of crude oil daily for the month of March, 1973, a decrease of 6,639 barrels from the 146,533 barrels processed daily during the month of February.

During March, 77 wells were completed, 4 oil, 25 gas and 48 dry holes.

During March, the commission issued 50 permits to drill new wells, a decrease of 21 from the 71 permits issued during February.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF MARCH, 1973

IN STORAGE MARCH 1st	
By Producers	321,596
By Transporters	1,150,458
By Refiners	1,015,669
TOTAL STORAGE	2,487,723
Produced in Montana During Month	2,948,440
Imported During Month	3,497,544
TOTAL	8,933,707
DISPOSITION:	
Refined in Montana	4,336,729
Exported	2,416,548
Used for Fuel or Lost	4,088
TOTAL	6,757,365
IN STORAGE MARCH 31st	
By Producers	669,292
By Transporters	319,421
By Refiners	1,187,629
TOTAL STORAGE	2,176,342

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1973

Field	M. C. Ft.
Big Coulee	111,743
Blackjack	52,086
Bowdoin	452,600
Bowes	30,243
Cabin Creek	88,607
Cedar Creek	750,500
Cut Bank (including Regan)	463,752
Dry Creek	34,208
Elk Basin	47,221
Flat Coulee	12,859
Gold Butte	— 0 —
Grandview	16,233
Hardin	700
Keith Block	153,900
Kevin Sunburst	53,310
Lake Basin	— 0 —
Liscom Creek	28,500
Middle Butte	1,766
Mt. Lilly	37,887
Pine	49,233
Plevna	8,250
South Devon	26,425
Tiger Ridge	2,843,877
Trail Creek	11,935
Utopia	58,841
West Butte	107,577
Whitlash	63,191
Miscellaneous	294,650
TOTAL	5,800,094

Total Withdrawals for March, 1972, were 2,649,408.

PRODUCERS REPORT — MONTH OF MARCH, 1973

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	.....	968	.....	757	.....	211
1	Bainville	1	2,579	1,988	.....	1,825	.....	2,742
4	Bannatyne	4	.....	749	749	.....	.....	.....
5	Bear's Den	6	1,229	800	.....	1,030	.....	999
18	Bell Creek	256	25,532	632,761	632,109	.....	.....	26,184
1	Benrud	1	562	1,285	1,497	.....	.....	350
3	Benrud East	3	2,169	13,758	14,170	.....	.....	1,757
1	Benrud Northeast	1	328	1,677	1,531	.....	.....	474
1	Berthelote	1	334	172	.....	.....	.....	506
4	Big Wall	13	1,134	7,141	7,358	.....	.....	917
4	Blackfoot	5	829	1,590	1,919	.....	.....	500
4	Border	6	1,331	755	.....	1,179	.....	907
1	Bowes	6	9,369	3,538	3,392	.....	.....	9,515
1	Bradley	1	403	538	416	.....	.....	525
1	Brady	1	.....	353	353	.....	.....	.....
4	Brorson-Madison	4	1,391	3,285	.....	3,305	.....	1,371
3	Brorson-Red River	5	6,187	9,326	.....	8,976	.....	6,537
4	Brorson-Rd Rivr South	3	2,611	6,563	.....	7,222	.....	1,952
1	Burns Creek	1	572	4,760	.....	5,024	.....	308
6	Brush Lake	6	1,553	17,311	17,482	.....	.....	1,382
2	Cabin Creek	89	.....	249,095	249,095	.....	.....	.....
1	Canal	1	519	6,734	.....	6,153	.....	1,100
9	Cat Creek	41	3,079	14,617	14,837	.....	.....	2,859
1	Chelsea	1	274	616	.....	634	.....	256
....	Clark's Fork	.....	83	.....	.....	.....	.....	83
....	Clark's Fork South	.....	334	.....	.....	.....	.....	334
2	Conrad South	2	.....	390	390	.....	.....	.....
2	Cow Creek	2	552	986	.....	1,284	.....	254
4	Cow Creek East	5	737	17,924	.....	18,269	.....	392
1	Culbertson	1	320	870	.....	1,044	.....	146
4	Cupton	7	4,426	7,965	7,404	960	.....	4,027
117	Cut Bank	941	57,417	354,485	352,841	810	.....	58,251
....	Dean Dome	.....	65	.....	.....	.....	.....	65
1	Deer Creek	1	612	1,168	1,346	.....	.....	434
1	Delphia	1	517	308	.....	735	.....	90
....	Devil's Basin	.....	113	.....	.....	.....	.....	113
3	Dwyer	11	4,332	14,394	13,454	.....	.....	5,272
3	Elk Basin	43	785	115,835	115,817	.....	.....	803
4	Elk Basin Northwest	8	1,672	2,248	2,280	.....	.....	1,640
6	Fairview	10	9,439	34,662	12,626	20,372	1,775	9,328
2	Fertile Prairie	2	595	1,544	.....	1,302	.....	837
5	Flat Coulee	20	2,362	7,941	7,778	.....	.....	2,525
36	Flat Lake	52	4,363	55,690	54,580	.....	.....	5,473
6	Flat Lake South	6	965	8,570	8,698	.....	.....	837
1	Four Buttes	1	367	479	.....	436	.....	410
1	Ft. Gilbert	2	274	17,195	16,680	.....	.....	789
1	Frannie	1	.....	1,054	1,054	.....	.....	.....
7	Fred & George Creek	26	1,645	29,073	28,514	.....	.....	2,204
1	Froid South	1	216	1,052	.....	630	.....	638
1	Gage	1	228	153	.....	183	.....	198
3	Gas City	18	6,691	23,700	20,329	4,850	.....	5,212
2	Girard	2	2,113	2,632	.....	3,284	.....	1,461
11	Glendive	14	1,876	25,565	24,760	.....	.....	2,681
10	Goose Lake	30	3,504	27,736	27,832	.....	.....	3,408
6	Graben Coulee	12	5,533	4,809	3,127	1,720	.....	5,495
3	Gypsy Basin	4	.....	1,349	1,349	.....	.....	.....
1	Hay Creek-Mission Canyon	1	47	1,197	1,160	.....	.....	84
2	Hay Creek-Red River	2	377	6,059	6,003	.....	.....	433
4	Hiawatha	4	1,983	5,771	5,598	.....	.....	2,156
....	Injun Creek	.....	858	.....	397	.....	.....	461
6	Ivanhoe	11	1,360	3,566	3,616	.....	.....	1,310
2	Jim Coulee	24	5,451	42,238	43,964	.....	.....	3,725
7	Keg Coulee	18	4,599	32,256	30,808	.....	289	5,758
1	Keg Coulee North	2	1,062	3,506	3,499	.....	.....	1,069
1	Kelley	3	844	5,165	5,061	.....	.....	948
63	Kevin Sunurst	438	10,002	19,870	17,762	2,585	.....	9,525
8	Laird Creek	10	670	2,946	.....	2,789	6	821
1	Landslide Butte	2	678	636	.....	.....	.....	1,314
2	Leary	2	2,340	2,478	.....	3,151	19	1,648
1	Little Beaver	23	.....	43,015	43,015	.....	.....	.....
2	Little Beaver East*	11	1,185	13,124	12,513	.....	.....	1,796
1	Little Wall Creek	1	583	3,237	3,595	.....	.....	225
....	Lodge Grass	.....	602	.....	.....	.....	.....	602
6	Lonetree Creek	6	5,161	29,394	29,451	.....	.....	5,104
3	Lookout Butte (Coral Creek)	29	280	59,515	59,692	.....	.....	103
1	Mason Lake	1	865	320	691	.....	.....	494
2	Melstone	3	879	2,129	2,316	.....	.....	692
1	Mineral Bench	1	458	475	430	.....	.....	503
1	Miner's Coulee	1	.....	251	.....	251	.....	.....
11	Monarch	14	4,013	13,849	11,257	2,650	.....	3,955
1	Mosser	1	.....	436	.....	436	.....	.....
1	Nohly	1	1,002	11,624	.....	11,918	.....	708
3	Otis Creek	3	1,168	8,959	.....	9,479	.....	648
6	Outlook	8	4,807	16,871	17,357	.....	.....	4,321
1	Outlook South	1	1,159	272	847	.....	.....	584
2	Outlook West	2	1,029	2,952	2,633	.....	.....	1,348
1	Pennel-Lookout Butte	112	.....	187,478	187,478	.....	.....	.....
4	Pine	107	15,787	247,452	246,478	.....	.....	16,761
57	Pondera	249	3,198	23,236	23,475	.....	.....	2,959
6	Poplar	64	8,732	44,437	45,982	.....	.....	7,187
3	Poplar Northwest	3	476	1,088	715	.....	.....	849
....	Prairie Elk	.....	520	.....	.....	.....	.....	520
3	Pritchard Creek	3	167	805	805	.....	.....	167
1	Putnam	2	242	6,181	.....	6,181	.....	242
....	Rabbit Hills	.....	2,231	.....	.....	.....	.....	2,231
3	Ragged Point	11	2,934	8,431	8,331	.....	.....	3,034
2	Rattlesnake Coulee	2	844	392	807	.....	.....	429
5	Raymond	5	1,486	27,116	27,179	.....	.....	1,423
3	Reagan	44	1,047	16,898	16,822	.....	.....	1,123
1	Red Creek	19	.....	16,084	16,084	.....	.....	.....
1	Red Fox	1	204	749	670	.....	.....	283
1	Redstone	1	342	1,241	1,236	.....	.....	347
1	Repeat	1	100	1,414	.....	1,474	.....	40
3	Reserve	4	474	5,076	5,004	.....	.....	546
....	Richey	.....	319	.....	.....	.....	.....	319
1	Richey Southwest	5	282	1,218	.....	1,414	.....	86
1	Rough Creek	1	406	56	.....	.....	.....	462
1	Rush Mountain	1	426	2,460	2,644	.....	.....	242
2	Salt Lake	3	541	3,905	.....	4,060	.....	386
4	Sand Creek	4	1,709	1,971	1,725	.....	.....	1,955
1	Second Creek	1	1,194	12,620	.....	13,149	.....	665
1	Sioux Pass	1	.....	25,069	23,748	.....	.....	1,321
1	Snyder	4	153	1,023	.....	476	.....	700
7	Soap Creek	18	1,288	4,049	.....	2,730	.....	2,607
2	Spring Lake	2	2,128	1,482	.....	1,940	.....	1,670
2	Stensvad	6	3,467	46,894	46,017	.....	.....	4,344
14	Sumatra	74	21,133	112,895	114,481	.....	.....	19,547
5	Tule Creek	5	2,690	20,874	.....	21,186	.....	2,378
2	Tule Creek East	2	706	6,525	.....	6,648	.....	583
2	Tule Creek South	3	1,241	2,786	.....	3,417	.....	610
2	Vida	2	641	790	.....	1,064	.....	367
4	Volt	5	2,313	10,646	10,630	.....	.....	2,329
2	Weed Creek	3	458	1,157	960	.....	.....	655
3	Weldon	3	1,305	6,778	6,668	.....	.....	1,415
1	West Butte	1	.....	1,052	.....	1,052	.....	.....
14	Whitlash	35	7,852	10,990	11,550	.....	.....	7,292
....	Whitlash West	.....	284	.....	.....	.....	.....	284
3	Willow Creek North	3	462	3,352	3,322	.....	.....	492
2	Wills Creek South	2	.....	2,492	2,492	.....	.....	.....
2	Wolf Springs	2	1,259	2,063	2,268	.....	.....	1,054
2	Woodrow	2	141	2,775	2,322	.....	.....	594
3	Wright Creek	3	2,468	1,563	558	.....	.....	3,473
....	Wildcat, Blaine Co.	.....	157	.....	.....	.....	.....	157
....	Wildcat, McCone Co.	.....	98	.....	.....	.....	.....	98
1	Wildcat, Toole Co.	1	108	609	.....	609	.....	108
649	Total	3,126	321,596	2,948,440	2,757,883	190,643	2,089	319,421

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1972	33,904,139	92,634	33,861,385	92,517
January, 1973	2,851,455	91,982	2,860,598	92,277
February, 1973	2,663,715	95,133	2,652,871	94,745
March, 1973	2,948,440	95,111	2,948,526	95,114

Oil In Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil in Storage**
December, 1972	320,567	1,303,848	1,228,659	2,853,074
January, 1973	311,351	1,258,770	1,156,250	2,726,371
February, 1973	321,596	1,150,458	1,015,669	2,487,723
March, 1973	319,421	1,187,629	669,292	2,176,342

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF MARCH, 1973

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			757				757		
BAINVILLE—Koch Oil Company			1,825				1,825		
BEAR'S DEN—Truck			1030				1,030		
BELL CREEK—Pipeline	57,055	632,109					318,418	318,246	52,500
BIG WALL—Continental Pipeline Co.		7,358				7,358			
BLACKFOOT—									
Camerland Cardinal Corp.		1,919						1,919	
BORDER—Permian Corp.			1,179					1,17	
BOWES—Texaco		3,392				3,392			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Company			19,503					19,503	
BURNS CREEK—									
Western Crude Oil, Inc.			5,024				5,024		
BRUSH LAKE—Portal Pipeline Co.		17,464					17,464		
CABIN CREEK AND OTHERS*—									
Butte Pipeline Co.	250,389	507,617	14,854	1,750,788			2,246,266		277,382
Shell Pipeline Co.	3,987	322,759			351			323,828	2,567
	254,376	830,376	14,854	1,750,788	351		2,246,266	323,828	279,949
CANAL—Koch Oil Company			6,153				6,153		
CAT CREEK—									
Continental Pipeline Co.		14,805				14,805			
CHELSEA—Western Crude Oil, Inc.			634					634	
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			19,553				19,553		
CULBERTSON—Spruce Oil Co.			1,044				1,044		
CUT BANK—									
Continental Pipeline Co.		420,365	8,067					428,432	
Phillips Petroleum Co.	53,996	128,048		30,421	1,979	147,783			62,703
Texas Pipeline Co.	26,696	36,261		56,398	(19)			102,258	17,116
Union Oil Co.	49,607	45,771			588	58,343			36,447
Western Oil Trans. Co.		32,500						32,500	
Western Oil Trans. Co. (Mouton)		65,500						65,500	
	130,299	728,445	8,067	86,819	2,548	206,126		628,690	116,266
DELPHIA—Truck			735			735			
DWYER—Portal Pipeline Co.		12,706					12,706		
ELK BASIN AND ELK BASIN NORTHWEST—Marathon Pipeline Co.		118,097				118,097			
FAIRVIEW—									
Fairview Pipeline Co.		12,626					12,626		
Koch Oil Company			20,372				20,372		
		12,626	20,372				32,998		
FLAT COULEE—									
Camerland Cardinal Corp.		7,246				7,246			
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		59,229					59,229		
FT. GILBERT—									
Fairview Pipeline Co.		16,679					16,679		
FOUR BUTTES—Truck			436					436	
FRANNIE—Interstate Pipeline Co.		1,054					1,054		
FRED AND GEORGE CREEK—									
Camerland Cardinal Corp.	7,170	29,875				29,707			7,338
FROID SOUTH—Truck			630					630	
GAGE—Truck			183			183			
GIRARD—Koch Oil Company			3,284				3,284		
GLENDIVE, DEER CREEK, WOODROW AND SAND CREEK—									
Texas Pipeline Co.	8,842	24,463			(502)			23,632	10,175
GOOSE LAKE—Portal Pipeline Co.		27,043					27,043		
HAY CREEK—Fairview Pipeline Co.		7,163					7,163		
HIAWATHA—Continental Pipeline Co.		5,406					5,406		
IVANHOE—Continental Pipeline Co.		3,616				3,616			
JIM COULEE—									
Continental Pipeline Co.		47,558						47,558	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		31,503				31,503			
KELLEY—Continental Pipeline Co.		5,061				5,061			
KEVIN SUNBURST—									
Big West Oil Co.	2,750	15,395				14,983			3,162
Homestake Oil & Gas Co.	1,538	4,170			135	3,475			2,098
Texas Pipeline Co.	17,545	6,651			248			11,525	12,423
	21,833	26,216			383	18,458		11,525	17,683
LEARY—Permian Corp.			3,151				3,151		
MASON LAKE—									
Continental Pipelne Co.		691				691			
MELSTONE—Continental Pipeline Co.		2,316				2,128	188		
MIDDLE WALL—									
Continental Pipeline Co.**		3,323						3,323	
MOSSER—Permian Corp.			436				436		
NOHLY—Koch Oil Co.			11,918				11,918		
OTIS CREEK—									
Western Crude Oil, Inc.			9,479				9,479		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—									
Portal Pipeline Co.		20,837					20,837		
PONDERA—Phillips Petroleum Co.	41,555	26,884			574	42,786			25,079
POPLAR, BEURUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	8,494	65,845			400			57,893*	16,046
PUTNAM—Western Crude Oil, Inc.			6,181				6,181		
RAGGED POINT—									
Continental Pipeline Co.		6,922				3,610		3,312	
RAYMOND—Portal Pipeline Co.		27,179					27,179		
RED CREEK—									
Western Oil Transportation Co.		16,084						16,084	
RESERVE—Portal Pipeline Co.		4,942					4,942		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,644					2,644		
SALT LAKE—Koch Oil Company			4,060				4,060		
SECOND CREEK—Koch Oil Company			13,149					13,149	
SNYDER—Permian Corp.			476			476			
SOAP CREEK—Permian Corp.			2,730				2,730		
SPRING LAKE—Koch Oil Co.			1,940				1,940		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	616,916	159,789		2,970,390	(2,961)	165,436		2,924,579	660,041
TULE CREEK—									
Spruce Oil Co.	3,918		27,834			29,200			2,552
Permian Corp.			3,417			3,417			
	3,918		31,251			32,617			2,552
WEED CREEK AND WOLF SPRINGS—Continental Pipeline Co.		3,225				3,225			
WHITLASH AND WHITLASH WEST—Camberland Cardinal Corp.		12,470				9,313		3,157	
WILDCAT WELLS—Truck			609					609	
TOTAL	1,150,458	3,024,560	190,643	4,807,997	793	706,569	2,878,781	4,399,886	1,187,629

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South.
**Little Wall Creek and Willow Creek North.
***Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF MARCH, 1973

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon Co.	Farmers Unien	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		7,358								7,358
Cat Creek		2,365			12,472					14,837
Cut Bank	93,058						155,879		120,490	369,427
Elk Basin		45,770		33,641	38,686					118,097
Flat Coulee									7,246	7,246
Fred & George Creek	29,707									29,707
Ivanhoe		3,616								3,616
Keg Coulee		7,393		16,822	6,592					30,807
Kelley				5,061						5,061
Kevin Sunburst	18,458									18,458
Mason Lake		691								691
Melstone					2,128					2,128
Pondera							25,411			25,411
Ragged Point					3,610					3,610
Snyder		476								476
Sumatra & Stensvad		35,209		9,417	84,210					128,836
Tule Creek								60,885		60,885
Weed Creek				960						960
Whitlash							9,314			9,314
Wolf Springs				2,260						2,260
Total Montana Oil	141,223	102,878		68,161	147,698		190,604	60,885	127,736	839,185
Canadian Oil Imported		448,185		554,543	305,272					1,308,000
Wyoming Oil Imported		858,671		781,114	549,759					2,189,544
Total Montana, Canadian & Wyoming Oil	141,223	1,409,734		1,403,818	1,002,729		190,604	60,885	127,736	4,336,729

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1972	24,723	37,303	70,391	132,417
March, 1972	23,851	34,056	68,574	126,481
March, 1973	27,070	42,194	70,630	139,894

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1972	18.67%	28.17%	53.16%
March, 1972	18.85%	26.93%	54.22%
March, 1973	19.35%	30.16%	50.49%